



Billing Code 33-15

## DEPARTMENT OF THE INTERIOR

### Fish and Wildlife Service

[FWS-R4-ES-2021-N014; FXES11130900000C2-201-FF09E32000]

### Endangered and Threatened Wildlife and Plants; Initiation of 5-Year Status

### Reviews for 37 Southeastern Species

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of initiation of reviews; request for information.

**SUMMARY:** We, the U.S. Fish and Wildlife Service, are initiating 5-year status reviews for 37 species under the Endangered Species Act, as amended. A 5-year review is an assessment of the best scientific and commercial data available at the time of the review. We are requesting submission of any such information that has become available since the previous status review for each species.

**DATES:** To allow us adequate time to conduct these reviews, we must receive your comments or information on or before **[INSERT DATE 60 DAYS AFTER DATE OF PUBLICATION IN THE *FEDERAL REGISTER*]**. However, we will continue to accept new information about any listed species at any time.

**ADDRESSES:** For instructions on how and where to request or submit information, see **Request for New Information** under **SUPPLEMENTARY INFORMATION**.

**FOR FURTHER INFORMATION CONTACT:** **General Information:** Aaron Valenta, (404) 679-4144, via email at [aaron\\_valenta@fws.gov](mailto:aaron_valenta@fws.gov), and via U.S. mail at U.S. Fish and Wildlife Service, 1875 Century Boulevard, Atlanta, GA 30345.

**Species-Specific Information and Submission of Comments:** Please refer to **Request for New Information** under **SUPPLEMENTARY INFORMATION**.

Individuals who are hearing impaired or speech impaired may call the Federal Relay Service at 1-800-877-8339 for TTY assistance.

**SUPPLEMENTARY INFORMATION:** We, the U.S. Fish and Wildlife Service, are initiating 5-year status reviews under the Endangered Species Act of 1973, as amended (ESA; 16 U.S.C. 1531 *et seq.*), for 21 plant and 16 animal species. A 5-year status review is based on the best scientific and commercial data available at the time of the review; therefore, we are requesting submission of any such information that has become available since the last review for the species, particularly information on the status, threats, and recovery of the species that may have become available.

### **Why Do We Conduct 5-Year Reviews?**

Under the ESA, we maintain Lists of Endangered and Threatened Wildlife and Plants (which we collectively refer to as the List) in title 50 of the Code of Federal Regulations at 50 CFR 17.11(h) (for wildlife) and 50 CFR 17.12(h) (for plants). Listed wildlife and plants can also be found at [http://ecos.fws.gov/tess\\_public/pub/listedAnimals.jsp](http://ecos.fws.gov/tess_public/pub/listedAnimals.jsp) and [http://ecos.fws.gov/tess\\_public/pub/listedPlants.jsp](http://ecos.fws.gov/tess_public/pub/listedPlants.jsp), respectively. Section 4(c)(2)(A) of the ESA requires us to review each listed species' status at least once every 5 years. Our regulations at 50 CFR 424.21 require that we publish a notice in the *Federal Register* announcing species under active review; however, we may review the status of any species at any time based upon a petition or other information available to us. For additional information about 5-year reviews, refer to our fact sheet at <http://www.fws.gov/endangered/what-we-do/recovery-overview.html>.

### **Which Species Are Under Review?**

This notice announces our active 5-year status reviews of the species in the following table.

Common name/scientific name	Contact person, email, phone	Status (Endangered or Threatened)	States where the species is known to occur	Final listing rule (Federal Register citation and publication date)	Contact's mailing address
<b>ANIMALS</b>					
<i>Amphibians</i>					
Guajón ( <i>Eleutherodactylus cooki</i> ).	Jan Zegarra caribbean_es@fws.gov, 787-510-5206.	Threatened	Puerto Rico.	62 FR 31757; 6/11/1997.	USFWS, Road 301, Km 5.1, P.O. Box 491, Boquerón, PR 00622.
<i>Birds</i>					
Parrot, Puerto Rican ( <i>Amazona vittata</i> ).	Marisel Lopez, caribbean_es@fws.gov, 787-240-8895.	Endangered	Puerto Rico.	32 FR 4001; 3/11/1967.	USFWS, Road 191, Km 4.3, P.O. Box 1600, Rio Grande, PR 00745.
<i>Fishes</i>					
Darter, Kentucky arrow ( <i>Etheostoma spilotum</i> ).	Michael Floyd, kentuckyes@fws.gov, 502-695-0468.	Threatened	Kentucky.	81 FR 68963; 10/5/2016.	USFWS, 330 W. Broadway, Ste. 265, Frankfort, KY 40601.
Shiner, Cape Fear ( <i>Notropis mekistocholas</i> ).	Emily Wells, Raleigh_ES@fws.gov, 919-856-4520.	Endangered	North Carolina.	52 FR 36034; 9/25/1987.	USFWS, P.O. Box 33726, Raleigh, NC 27636-3726.
Cavefish, Alabama ( <i>Speoplatyrhinus poulsoni</i> ).	Jennifer Grunewald, alabama@fws.gov, 251- 441-5181.	Endangered	Alabama.	53 FR 37968; 9/28/1988.	USFWS, 1208B Main Street, Daphne, AL 36526.
<i>Mammals</i>					
Deer, Key ( <i>Odocoileus virginianus clavium</i> )	Lourdes Mena, key_deer_5- year_review@fws.gov, 904-731-3134.	Endangered	Florida	32 FR 4001; 3/11/1967	USFWS, 1339 20th St., Vero Beach, FL 32960.
Manatee, West Indian ( <i>Trichechus manatus</i> ).	Lourdes Mena, manatee@fws.gov, 904- 731-3134.	Threatened	Alabama, Delaware, Florida, Georgia, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, Puerto Rico, South Carolina, Texas, Virginia.	82 FR 16668; 4/5/2017.	USFWS, 7915 Baymeadows Way, Suite 200, Jacksonville, FL 32256.
<i>Clams</i>					

Elktoe, Appalachian ( <i>Alasmidonta raveneliana</i> ).	Jason Mays, fw4esasheville@fws.gov, 828-258-3939.	Endangered	North Carolina, Tennessee.	59 FR 60324; 11/23/1994.	USFWS, 160 Zillico St., Asheville, NC 28801.
Pearlshell, Louisiana ( <i>Margaritifera hembeli</i> ).	Monica Sikes, lafayette@fws.gov, 337- 291-3118.	Threatened	Arkansas, Louisiana.	58 FR 49935; 9/24/1993.	USFWS, 200 Dulles Drive, Lafayette, LA 70506.
Moccasinshell, Suwannee ( <i>Medionidus walkeri</i> ).	Lourdes Mena, panamacity@fws.gov, 904-731-3134.	Threatened	Florida, Georgia.	81 FR 69417; 10/6/2016.	USFWS, 1601 Balboa Ave., Panama City, FL 32405.
Wartyback, white (pearlymussel) ( <i>Plethobasus cicatricosus</i> ).	Evan Collins, alabama@fws.gov, 251- 441-5181.	Endangered	Alabama, Tennessee.	41 FR 24062; 6/14/1976.	USFWS, 1208B Main Street, Daphne, AL 36526.

#### Crustaceans

Shrimp, Squirrel Chimney Cave ( <i>Palaemonetes cummingi</i> ).	Lourdes Mena, northflorida@fws.gov, 904-731-3134.	Threatened	Florida.	55 FR 25588; 6/21/1990.	USFWS, 7915 Baymeadows Way, Suite 200, Jacksonville, FL 32256.
Shrimp, Alabama cave ( <i>Palaemonias alabamiae</i> ).	Jennifer Grunewald, alabama@fws.gov, 251- 441-5181.	Endangered	Alabama.	53 FR 34696; 9/7/1988.	USFWS, 1208B Main Street, Daphne, AL 36526.
Shrimp, Kentucky cave ( <i>Palaemonias ganteri</i> ).	Michael Floyd, kentuckyes@fws.gov, 502-695-0468.	Endangered	Kentucky.	48 FR 46337; 10/12/1983.	USFWS, 330 W. Broadway, Ste. 265, Frankfort, KY 40601.

#### Insects

Beetle, Miami tiger ( <i>Cicindelia floridana</i> ).	Lourdes Mena, Miami-tigerbeetle_5- yearreview@fws.gov, 904-731-3134.	Endangered	Florida.	81 FR 68985; 10/5/2016.	USFWS, 1339 20th St., Vero Beach, FL 32960.
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#### Snails

Snail, painted snake coiled forest ( <i>Anguispira picta</i> ).	Geoff Call, cookeville@fws.gov, 931- 528-6481.	Threatened	Tennessee.	43 FR 28932; 7/3/1978.	USFWS, 446 Neal Street, Cookeville, TN 38501.
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#### PLANTS

Scientific name / Common name	Contact person, email, phone	Status (Endangered or Threatened)	States where the species is known to occur	Final listing rule (Federal Register citation and publication date)	Contact's mailing address
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#### Flowering Plants

<i>Argythamnia blodgettii</i> (Blodgett's silverbush)	Lourdes Mena, pinerocklandplants_5- yearreview@fws.gov, 904-731-3134.	Threatened	Florida.	81 FR 66842; 9/29/2016.	USFWS, 1339 20th St., Vero Beach, FL 32960.
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<i>Auerodendron pauciflorum</i> (no common name)	José G. Martínez, caribbean_es@fws.gov, 787-851-7297.	Endangered	Puerto Rico.	59 FR 9935; 3/2/1994.	USFWS, Road 301, Km 5.1, P.O. Box 491, Boquerón, PR 00622.
<i>Cardamine micranthera</i> (small-anthered bittercress)	Karla Quast, fw4esasheville@fws.gov, 828-258-3939.	Endangered	North Carolina, Virginia.	54 FR 38947; 9/21/1989.	USFWS, 160 Zillico St., Asheville, NC 28801.
<i>Chamaecrista lineata</i> <i>keyensis</i> (Big Pine partridge pea)	Lourdes Mena, pinerocklandplants_5- yearreview@fws.gov, 904-731-3134.	Endangered	Florida.	81 FR 66842; 9/29/2016.	USFWS, 1339 20th St., Vero Beach, FL 32960.
<i>Chamaesyce deltoidea</i> <i>serpyllum</i> (wedge spurge)	Lourdes Mena, pinerocklandplants_5- yearreview@fws.gov, 904-731-3134.	Endangered	Florida.	81 FR 66842; 9/29/2016.	USFWS, 1339 20th St., Vero Beach, FL 32960.
<i>Clematis socialis</i> (Alabama leather flower)	Scott Wiggers, mississippi_field_office@fws.gov, 228-475-0765.	Endangered	Alabama, Georgia.	51 FR 34420; 9/26/1986.	USFWS, 6578 Dogwood View Pkwy., Jackson, MS 39213.
<i>Conradina glabra</i> (Apalachicola rosemary)	Lourdes Mena, panamacity@fws.gov, 904-731-3134.	Endangered	Florida.	58 FR 37432; 7/12/1993.	USFWS, 1601 Balboa Ave., Panama City, FL 32405.
<i>Cordia bellonis</i> (no common name)	Omar Monsegur, caribbean_es@fws.gov, 787-510-5206.	Endangered	Puerto Rico.	62 FR 1644; 1/10/1997.	USFWS, Road 301, Km 5.1, P.O. Box 491, Boquerón, PR 00622.
<i>Crescentia portoricensis</i> (higüero de sierra)	Omar Monsegur, caribbean_es@fws.gov, 787-510-5206.	Endangered	Puerto Rico.	52 FR 46085; 12/4/1987.	USFWS, Road 301, Km 5.1, P.O. Box 491, Boquerón, PR 00622.
<i>Geocarpon minimum</i> (no common name)	Jason Phillips, arkansas- es_recovery@fws.gov, 870-503-1101.	Threatened	Arkansas, Louisiana, Missouri, Texas.	52 FR 22930; 6/16/1987.	USFWS, 110 South Amity Road, Suite 300, Conway, Arkansas 72032.
<i>Harperocallis flava</i> (Harper's beauty)	Lourdes Mena, panamacity@fws.gov, 904-731-3134.	Endangered	Florida.	44 FR 56862; 10/2/1979	USFWS, 1601 Balboa Ave., Panama City, FL 32405.
<i>Houstonia</i> (=Hedyotis) <i>purpurea</i> var. <i>montana</i> (Roan Mountain bluet)	Karla Quast, fw4esasheville@fws.gov, 828-258-3939.	Endangered	North Carolina, Tennessee, Virginia.	55 FR 12793; 4/5/1990.	USFWS, 160 Zillico St., Asheville, NC 28801.
<i>Linum arenicola</i> (sand flax)	Lourdes Mena, pinerocklandplants_5- yearreview@fws.gov, 904-731-3134.	Endangered	Florida.	81 FR 66842; 9/29/2016.	USFWS, 1339 20th St., Vero Beach, FL 32960.
<i>Lupinus aridorum</i> (scrub lupine)	Lourdes Mena, northflorida@fws.gov, 904-731-3134.	Endangered	Florida.	52 FR 11172; 4/7/1987.	USFWS, 7915 Baymeadows Way, Suite 200, Jacksonville, FL 32256.
<i>Myrcia paganii</i> (no common name)	José G. Martínez, caribbean_es@fws.gov, 787-510-5206.	Endangered	Puerto Rico.	59 FR 8138; 2/18/1994.	USFWS, Road 301, Km 5.1, P.O. Box 491, Boquerón, PR 00622.

<i>Trichilia triacantha</i> (Bariaco)	Omar Monsegur, caribbean_es@fws.gov, 787-510-5206.	Endangered	Puerto Rico.	53 FR 3565; 2/5/1988.	USFWS, Road 301, Km 5.1, P.O. Box 491, Boquerón, PR 00622.
<i>Warea amplexifolia</i> (wide- leaf warea)	Lourdes Mena, northflorida@fws.gov, 904-731-3134.	Endangered	Florida.	52 FR 15501; 4/29/1987.	USFWS, 7915 Baymeadows Way, Suite 200, Jacksonville, FL 32256.

*Non-Flowering Plants*

<i>Elaphoglossum serpens</i> (no common name)	Marielle Peschiera, caribbean_es@fws.gov, 787-510-5206.	Endangered	Puerto Rico.	58 FR 32308; 6/9/1993.	USFWS, Road 301, Km 5.1, P.O. Box 491, Boquerón, PR 00622.
<i>Polystichum calderonense</i> (no common name)	Marielle Peschiera, caribbean_es@fws.gov, 787-510-5206.	Endangered	Puerto Rico.	58 FR 32308; 6/9/1993.	USFWS, Road 301, Km 5.1, P.O. Box 491, Boquerón, PR 00622.
<i>Tectaria estremerana</i> (no common name)	Marielle Peschiera, caribbean_es@fws.gov, 787-510-5206.	Endangered	Puerto Rico.	58 FR 32308; 6/9/1993.	USFWS, Road 301, Km 5.1, P.O. Box 491, Boquerón, PR 00622.
<i>Trichomanes punctatum</i> ssp. <i>floridanum</i> (Florida bristle fern)	Lourdes Mena, Floridabristlefern_5- yearreview@fws.gov, 904-731-3134.	Endangered	Florida.	80 FR 60439; 10/6/2015.	USFWS, 1339 20th St., Vero Beach, FL 32960.

## **What Information Do We Consider in Our 5-Year Reviews?**

A 5-year review considers all new information available at the time of the review. In conducting the review, we consider the best scientific and commercial data that have become available since the most recent status review. Specifically, we are seeking new information regarding:

- (1) Species biology, including but not limited to life history and habitat requirements and impact tolerance thresholds;
- (2) Historical and current population conditions, including but not limited to population abundance, trends, distribution, demographics, and genetics;
- (3) Historical and current habitat conditions, including but not limited to amount, distribution, and suitability;
- (4) Historical and current threats, threat trends, and threat projections in relation to the five listing factors (as defined in section 4(a)(1) of the ESA);
- (5) Conservation measures for the species that have been implemented or are planned; and
- (6) Other new information, data, or corrections, including but not limited to taxonomic or nomenclatural changes, identification of erroneous information contained in the List, and improved analytical methods.

Any new information received will be considered during the 5-year review and may be useful in evaluating ongoing recovery programs for the species.

### **Request for New Information**

To ensure that 5-year reviews are based on the best available scientific and commercial information, we request new information from all sources. Please use the contact information listed in the table above that is associated with the species for which you are submitting information. If you submit information, please support it with

documentation such as maps, bibliographic references, methods used to gather and analyze the data, and/or copies of any pertinent publications, reports, or letters by knowledgeable sources.

### **How Do I Ask Questions or Provide Information?**

If you wish to provide information for any species listed above, please submit your comments and materials to the appropriate contact in the table above. Individuals who are hearing impaired or speech impaired may call the Federal Relay Service at 1–800–877–8339 for TTY assistance.

### **Public Availability of Comments**

Before including your address, phone number, email address, or other personal identifying information in your submission, you should be aware that your entire submission—including your personal identifying information—may be made publicly available at any time. Although you can request that personal information be withheld from public review, we cannot guarantee that we will be able to do so.

### **Authority**

This document is published under the authority of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

**Leopoldo Miranda-Castro,**

*Regional Director,*

*South Atlantic-Gulf and Mississippi Basin Regions.*